

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION

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www.miamidade.gov/economy

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

Wayne Dalton a Div. of Overhead Door Corporation 3395 Addison Drive Pensacola, FL 32514

Scope: This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ). This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/ or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Code 2300 Insulated Steel Sectional Garage Door up to 9'-2" Wide with Optional Impact Resistant Glazing

APPROVAL DOCUMENT: Drawing No. **353185**, titled "Windload Specification Option Code 2300", sheets 1 through 4 of 4, dated 04/09/2014, with last revision **P1**, dated 03/14/2018, prepared by Wayne Dalton, signed and sealed by Dwayne J. Kornish, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: A permanent label with the manufacturer's name or logo, manufacturing addresses in Pensacola, FL or Mt. Hope, OH, model number, the positive and negative design pressure rating, indicate impact rated if applicable, installation instruction drawing reference number, approval number (NOA), the applicable test standards, and the statement reading 'Miami-Dade County Product Control Approved' is to be located on the door's side track, bottom angle, or inner surface of a panel.

LIMITATION: This door has not been tested for air infiltration.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 16-0119.10 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Carlos M. Utrera, P.E.

MIAMI-DADE COUNTY
APPROVED

Africa 105/30/2018

NOA No. 18-0417.09 Expiration Date: December 4, 2019 Approval Date: May 31, 2018 Page 1

Wayne Dalton a Div. of Overhead Door Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA'S

A. DRAWINGS "Submitted under NOA # 16-0119.10"

1. Drawing No. **353185**, titled "Windload Specification Option Code 2300", sheets 1 through 4 of 4, dated 04/09/2014, prepared by Overhead Door Corporation, signed and sealed by Mark A. Sawicki, P.E. on 01/07/2016.

B. TESTS "Submitted under NOA # 14-0204.12"

- 1. Addendum letter to Architectural Testing's test report # **C9366.01-801-18**, dated 07/07/2014, signed and sealed by Vinu J. Abraham, P.E.
- 2. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 2) Large Missile Impact Test per FBC, TAS 201-94
 - 3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 4) Forced Entry Test, per FBC, TAS 202-94
 - 5) Tensile Test per ASTM E8

along with marked-up drawings and installation diagram of Series 8300, Option Code 2206 (2300), 9'2"x 8' Sectional Garage Doors, prepared by Architectural Testing, Inc., Test Report No. **C9366.01-801-18**, dated 10/02/2013, signed and sealed by Vinu J. Abraham, P.E.

3. Test report on Salt Fog Spray per ASTM B117 prepared by Environmental Testing Laboratory, Inc., Test Report No. 12732, dated 06/22/2013, signed by Brady Richard.

C. CALCULATIONS "Submitted under NOA # 14-0204.12"

- 1. Structural and anchor calculations prepared by Overhead Door Corporation, dated 06/26/2014, signed and sealed by Mark A. Sawicki, P.E.
- 2. Structural and anchor calculations prepared by Overhead Door Corporation, dated 01/28/2014, signed and sealed by Mark A. Sawicki, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS "Submitted under NOA # 14-0204.12"

- 1. Test report on flame spread and smoke developed of BASF polyurethane foam per ASTM E84, Test Report # RJ1980-3, dated 07/20/2012, prepared by QAI Laboratories, signed by Greg Banasky.
- 2. Test report on ignition temperature of BASF polyurethane foam per ASTM D1929, Test Report # 01.17794.01.304, dated 12/20/2012, prepared by Southwest Research Institute, signed by Matthew S. Blais.

Carlos M. Utrera, P.E. Product Control Examiner NOA No. 18-0417.09 Expiration Date: December 4, 2019

Approval Date: May 31, 2018

Wayne Dalton a Div. of Overhead Door Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS (CONTINUED)

3. Notice of Acceptance No. 12-0605.05 issued to Bayer MaterialScience LLC (MA) for its Makrolon Polycarbonate Sheets, approved on 12/06/2012 and expiring on 08/27/2017.

F. STATEMENTS "Submitted under NOA # 16-0119.10"

1. Statement letter of code conformance to the 5th edition (2014) FBC issued by Overhead Door Corporation, dated 01/06/2016, signed and sealed by Mark A. Sawicki, P.E.

"Submitted under NOA # 14-0204.12"

- 2. Statement letter of code conformance to 2010 FBC issued by Overhead Door Corporation, dated 01/24/2014, signed and sealed by Mark A. Sawicki, P.E.
- 3. Statement letter of no financial interest issued by Overhead Door Corporation, dated 01/24/2014, signed and sealed by Mark A. Sawicki, P.E.

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **353185**, titled "Windload Specification Option Code 2300", sheets 1 through 4 of 4, dated 04/09/2014, with revision **P1** dated 03/14/2018, prepared by Wayne Dalton, signed and sealed by Dwayne J. Kornish, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **17-1219.02** issued to Covestro, LLC for its Makrolon Polycarbonate Sheets, approved on 03/22/2018 and expiring on 08/27/2022.

F. STATEMENTS

1. Statement letter of code conformance to the 6th edition (2017) FBC, issued by Wayne Dalton, dated 03/13/2018, signed and sealed by Dwayne J. Kornish P.E.

Carlos M. Útrera, P.E. Product Control Examiner NOA No. 18-0417.09

Expiration Date: December 4, 2019 Approval Date: May 31, 2018

P1 UPDATED TITLE BLOCK ESC 3/14/18

NOTES:

1. IMPACT RESISTANT GLAZING OPTION — IMPACT RESISTANT GLAZING SYSTEM MAY BE INSTALLED IN TOP OR INTERMEDIATE SECTION (WITH OR WITHOUT DECORATIVE INSERTS). GLAZING SHALL BE 1/4" POLYCARBONATE. MAXIMUM GLAZING DIMENSIONS SHALL BE 14" x 46" CUTOUT, FASTENED WITH A MINIMUM #8 X 1" SMS: 3X ALONG THE HORIZONTAL AND 3X ALONG THE VERTICAL. THE MINIMUM BITE SHALL BE .375". SEE DETAIL E ON SHEET 3 FOR ASSEMBLY DETAILS.

- 2. VINYL OR WOOD DOOR STOP NAILED A MAXIMUM OF 6" O.C. MUST OVERLAP TOP AND BOTH ENDS OF PANELS MINIMUM 7/16" TO MEET NEGATIVE PRESSURES.
- 3. KEY LOCKS, SLIDE LOCKS, OR OPERATOR REQUIRED.
- 4. LOUVER OPTION LOUVERS MAY BE INSTALLED IN DOOR IF THE AREA OF EACH LOUVER DOES NOT EXCEED 60 IN². DOOR VENTS LARGER THAN 60 IN² MUST BE TESTED FOR IMPACT.
- 5. POLYURETHANE FOAM SHALL BE SANDWICHED BETWEEN FACER STEEL HAVING A MINIMUM 26 GA THICKNESS G-40 WITH PRIME COAT WITH A MINIMUM YIELD STRENGTH OF 46.8 KSI AND BACKER STEEL HAVING A MINIMUM 29 GA THICKNESS G-40 WITH PRIME COAT. OVERALL SECTION THICKNESS SHALL BE MINIMUM 1-5/16".
- 6. A 4-1/2" x 6" x 22 GA BACKER PLATE IS TO BE LOCATED AT EVERY INTERMEDIATE AND OUTER END HINGE LOCATION.
- 7. THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.
- 8. DOOR JAMB TO BE MINIMUM 2x6 STRUCTURAL GRADE LUMBER.
- 9. FOR LOW HEAD ROOM LIFT CONDITIONS, TOP
 BRACKET SHALL BE A 13 GA LHR 7/4 TOP BRACKET
 WITHOUT PUSHNUTS AND WITH A MINIMUM OF (3)

 1/4-14×7/8" SELF DRILLING CRIMPTITE SCREWS IN LIEU
 OF THE BRACKET SHOWN ON THIS DRAWING. U-BAR ON
 TOP SECTION SHALL BE INSTALLED ON TOP OF LHR
 TOP BRACKETS.

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13 GA HORIZ ANGLE 13 GA FLAG ANGLE 16 GA MIN HORIZ TRACK 5/16x1-5/8" LAG SCREW (MIN 4 AS SHOWN) (4) 1/4-20x9/16" LARGE HEAD TRACK BOLTS OR 1/4-20 STUDS WITH 1/4-20 HEX NUTS 15 GA MIN VERT TRACK 1/4-20x9/16" TRACK BOLT AND 1/4-20 HEX NUT AT EACH JB-US JAMB BRACKET LOCATION 5/16x1-5/8" LAG SCREW AT EACH JAMB BRACKET 15 GA STIFFENED JAMB BRACKETS SEE SCHEDULE FOR QUANTITY, LOCATION, AND TYPE KEY LOCK OR SLIDE LOCK -BOTH ENDS (NOT REQUIRED WITH OPERATOR - SEE NOTE 3). SLIDE

NOTE: (4) SECTION SOLID DOOR SHOWN. SEE NOTE 1

THIS SHEET FOR GLAZING

OPTIONS.

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE							
DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)					
8'-2"	ALL	+187.8/-212.3					
9'-2"	ALL	+210.8/-238.3					

			JAMB BRACKET SCHEDULE						
	NO. OF SECTIONS		LOCATION OF CENTERLINE OF JAMB BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS ± 2")						
6'-6"	4	7	2" (JB-US), 10" (JB-US), 21-3/4" (JB-US), 29-3/4" (JB-US), 39" (JB-US), 48" (JB-US), 57-1/4" (JB-US)						
7'-0"	4	7	2" (JB-US), 10" (JB-US), 21-3/4" (JB-US), 29-3/4" (JB-US), 42" (JB-US), 52-1/2" (JB-US), 63-1/4" (JB-US)						
7'-6"	4 OR 5	8	2" (JB-US), 10" (JB-US), 18-3/4" (JB-US), 26-3/4" (JB-US), 36" (JB-US), 45" (JB-US), 54-1/4" (JB-US), 74-1/2" (JB-US)						
8'-0"	4 OR 5	8	2" (JB-US), 10" (JB-US), 21-3/4" (JB-US), 29-3/4" (JB-US), 39" (JB-US), 48" (JB-US), 57-1/2" (JB-US)						

NOTE:

(JB-US) FOLLOWING DIMENSION DENOTES SLOTTED JAMB BRACKET ATTACHED TO TRACK WITH $1/4-20 \times 9/16$ " TRACK BOLT AND NUT AS SHOWN ABOVE.

ALL DOORS GREATER THAN 8' IN HEIGHT REQUIRE USE OF CONTINUOUS WALL ANGLE. SEE SHEET 3 FOR DETAILS.

DOORS MAY USE 3" TRACK IN LEIU OF 2" TRACK.E. PRODUCT REVISED

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 18-0417.09

Expiration Date 12/04/2019

By of these

Miami-Dade Product Control

Wayne
Dalton
GARAGE DOORS
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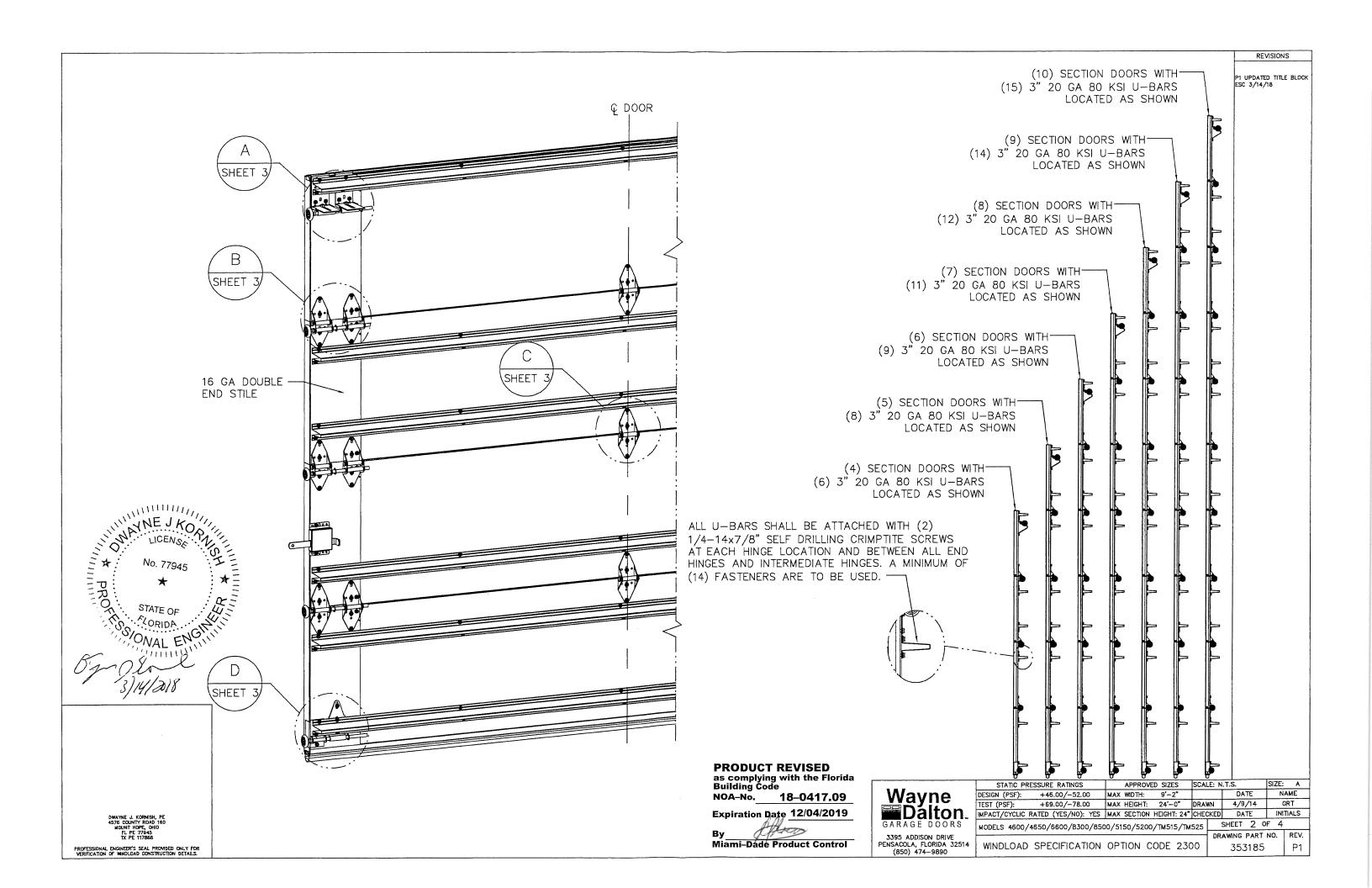
G A R A G E D O O R S

3395 ADDISON DRIVE
PENSACOLA, FLORIDA 32514
(850) 474–9890

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STATIC PRESSURE RATINGS			APPROVED SIZES			SCALE: N.T.S.				SIZE:	Α	١
SIGN (PSF):	+46.00/-52.00	MAX	WIDTH:	9'-	2"			DATE	Ξ	N	AME	
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DELS 4600/4650/6600/8300/8500/5150/5200/TM515/TM525 SHEET 1 OF 4												
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DWAYNE J. KORNISH, PE 4576 COUNTY ROAD 160 MOUNT HOPE, CHID FL. PE 77945 TY. PE 117868 ESSIONAL ENGINEER'S SEAL PROVIDED ONL'



(2) 12 GA COMMERCIAL 'L' FRAME
TOP BRACKETS ATTACHED WITH (4)
1/4-20x7/8" SELF DRILLING SCREWS
(2 THROUGH U-BAR AND TOP
BRACKET)

13 GA ROLLER SLIDE ATTACHED
TO BRACKET WITH 5/16-18 BOLT
& NUT IN THE CENTER SLOT-

ADD (2) 1/4-14x7/8"
SELF DRILLING CRIMPTITE SCREWS
(INSIDE OF EACH INSIDE END HINGE)-

2" STEEL ROLLER WITH 9" GRADE
1144 OR EQUIVALENT STEM AND
7/16" PUSH NUT AT EACH ROLLER
LOCATION LOCATED BETWEEN THE
BRACKET OR HINGE (EXCEPT
PUCHNUT LOCATED ON THE TOP
AND BOTTOM ROLLER IS LOACTED
OUTSIDE OF BOTH BRACKETS). 1/4"
MAX BETWEEN PUSH NUT AND
OUTER HINGE.

(2) 14 GA WIDE BODY END HINGES EACH ATTACHED WITH (4) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS—

14 GA WIDE BODY
INTERMEDIATE HINGE
ATTACHED WITH (4)
1/4-14x7/8" SELF DRILLING
CRIMPTITE SCREWS

NO. 77945

NO. 77945

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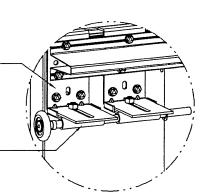
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DWAYNE J. KORNISH, PE 4576 COUNTY ROAD 180 MOUNT HOPE, OHIO FL PE 77945 TX PE 117868

PROFESSIONAL ENGINEER'S SEAL PROVIDED ONLY FOR VERIFICATION OF WINDLOAD CONSTRUCTION DETAILS.

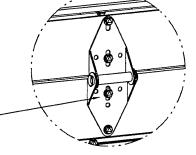


DETAIL A

NOTE: IF HINGES
ROLLERS
9/16" D
LOCATIO
TOP AND
STEEL R
LONG SH
AT TOP
LOCATIO

DETAIL B

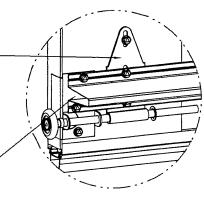
NOTE: IF 3" TRACK IS USED, THEN END HINGES TO BE 11 GA MODIFIED HINGES. ROLLERS TO BE 3" STEEL ROLLERS WITH 9/16" DIA. X 9" LONG SHAFT AT ALL LOCATIONS EXCEPT TOP AND BOTTOM. TOP AND BOTTOM ROLLERS TO BE 3" STEEL ROLLERS WITH 7/16" DIA. X 9" LONG SHAFT. PUSH NUTS ONLY USED AT TOP AND BOTTOM ROLLER I OCATIONS.



DETAIL C

12 GA EXTENSION BRACKET
ATTACHED WITH (3) 1/4-14x7/8"
SELF DRILLING CRIMPTITE SCREWS
(2 THROUGH U-BAR AND BRACKET)

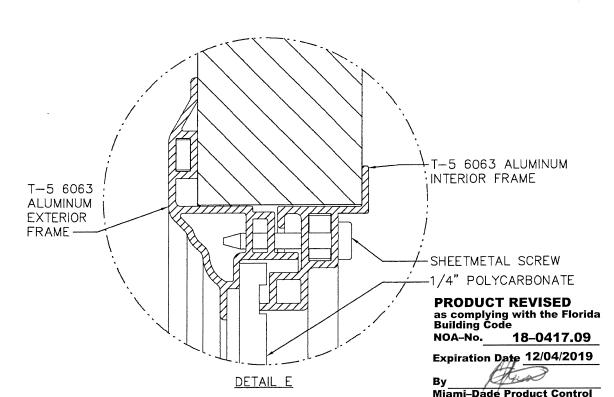
14 GA BOTTOM BRACKET
ATTACHED WITH (2)
1/4-14x7/8" SELF DRILLING
CRIMPTITE SCREWS THROUGH
U-BAR AND BOTTOM BRACKET
AND (1) 1/4-14x5/8" SELF
DRILLING TAMPER RESISTANT
SCREW



DETAIL D

HINGE & BACKER PLATE LOCATIONS

9'-2" MAX

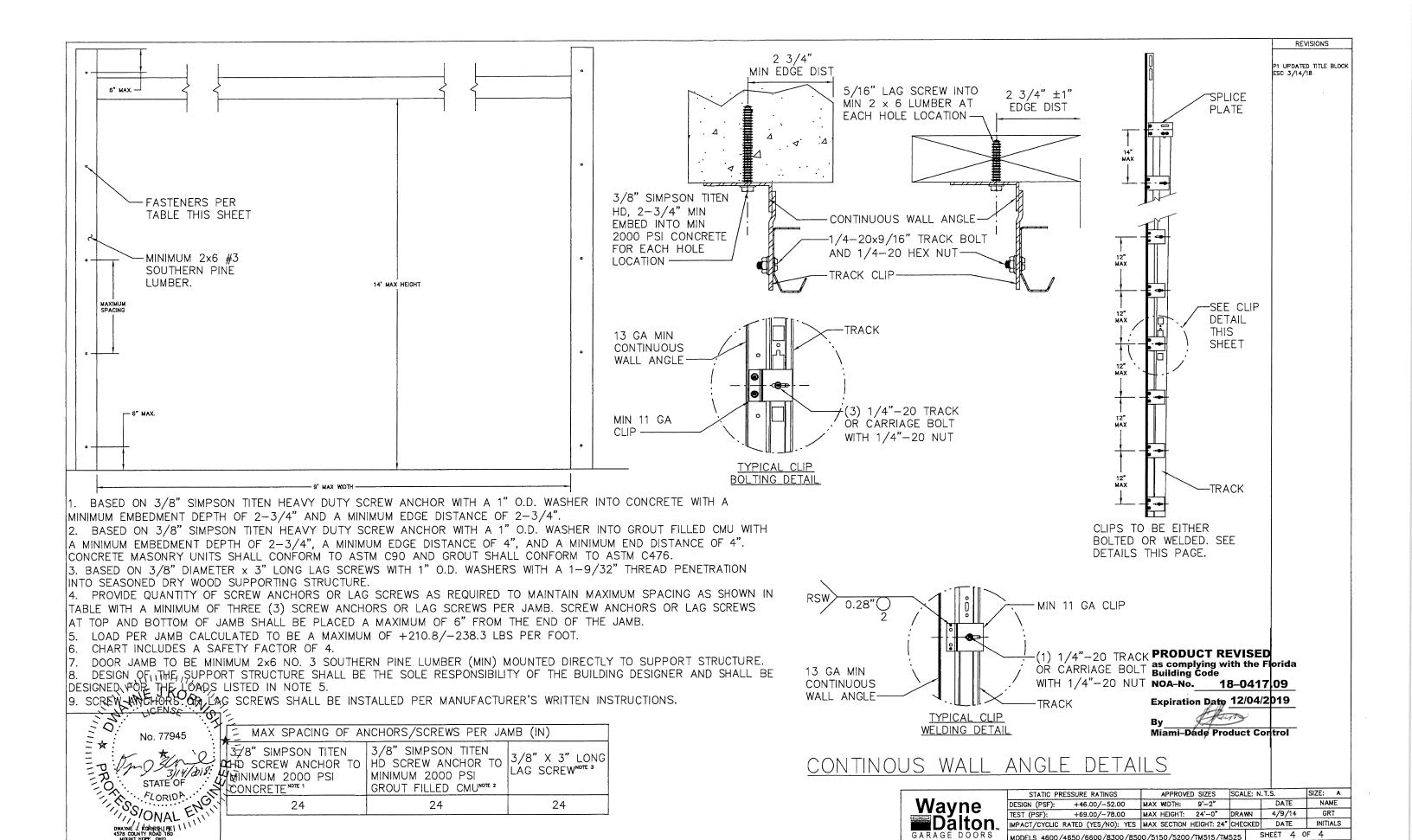


Wayne Dalton GARAGE DOORS	DTIA
3395 ADDISON DRIVE PENSACOLA, FLORIDA 32514 (850) 474–9890	

STATIC PRESSURE RA	TINGS	APPROVE	D SIZES	SCALE: N	.T.S.	SIZE:	Α	
DESIGN (PSF): +46.00/-52.00		WIDTH:	9'-2"		DATE	NAME		
TEST (PSF): +69.00,	/-7B.00 MAX	HEIGHT:	24'-0"	DRAWN	4/9/14	GRT		
IMPACT/CYCLIC RATED (YES/NO): YES		SECTION	HEIGHT: 24"	CHECKED	DATE	NI	TIALS	
MODELS 4600/4650/660D/8300/8500/5150/5200/TM515/TM525 SHEET 3 OF 4								
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WINDLOAD SPECIF	TCATION OP	TION C	ODE 230	00	353185		P1	

REVISIONS

P1 UPDATED TITLE BLOCK ESC 3/14/18



PROFESSIONAL ENGINEER'S SEAL PROVIDED ONLY FOR VERIFICATION OF WINDLOAD CONSTRUCTION DETAILS.

GARAGE DOORS

3395 ADDISON DRIVE PENSACOLA, FLORIDA 32514 (850) 474-9890 SHEET 4 OF 4

353185

DRAWING PART NO. REV.

MODELS 4600/4650/6600/8300/8500/5150/5200/TM515/TM525

WINDLOAD SPECIFICATION OPTION CODE 2300